



Collin County Purchasing

2021-173

Juvenile Detention Showers

Issue Date: 3/16/2021

Questions Deadline: 3/29/2021 05:00 PM (CT)

Response Deadline: 4/8/2021 02:00 PM (CT)

Collin County Purchasing

Contact Information

Contact: Hunter Alley Buyer II

Address: Purchasing
Admin. Building
Ste.3160
2300 Bloomdale Rd.
Ste. 3160
McKinney, TX 75071

Phone: (972) 548-4117

Fax: (972) 548-4694

Email: halley@co.collin.tx.us

Event Information

Number: 2021-173
Title: Juvenile Detention Showers
Type: Invitation for Bid
Issue Date: 3/16/2021
Question Deadline: 3/29/2021 05:00 PM (CT)
Response Deadline: 4/8/2021 02:00 PM (CT)
Notes: Collin County's intent of this Invitation for Bid (IFB) and resulting contract is to provide contractors with sufficient information to prepare a bid to: Furnish and install new permanent epoxy wall coating, replace missing ceramic floor tiles, and clean/seal ceramic tile floors in 25 showers.

Please login to view bid documents.

Ship To Information

Address: See Purchase Order
McKinney, TX 75071

Billing Information

Address: Auditor
Admin. Building
Ste. 3100
2300 Bloomdale Rd.
Ste. 3100
McKinney, TX 75071

Bid Activities

Mandatory Site-Visit

3/23/2021 2:00:00 PM (CT)

Mandatory Site Visit: A site visit will be conducted by Collin County on **Tuesday, March 23, 2021 at 2:00 p.m. and 3:00 p.m.** RSVP is required for this site visit. **The cutoff to RSVP is Monday, March 22, 2021 at 2:00 p.m.** Please email purchasing@co.collin.tx.us and enter **2021-173 Juvenile Detention Showers** in the subject line to RSVP and include which date and time you will be attending, your company name, email address, and name of individuals who will be participating. Meeting location will be given in confirmation email. It is the Vendor's responsibility to review the site and documents to gain a full understanding of the requirements of the solicitation. All Vendors desiring to submit a bid are encouraged to have a representative at the site visit.

Bid Attachments

LEGAL_NOTICE_2021-173.doc

Legal Notice

[Download](#)

General_Instructions_Bid.docx

General Instructions - Bid

[View Online](#)

Terms_of_Contract_Bid_-_2.10.21.docx

Terms of Contract - Bid

[View Online](#)

2021-173_Insurance_updated_1-26-2015.doc

Minimum Insurance Requirements (updated)

[View Online](#)

2021-173_Specifications_Final.docx

4.0 Special Conditions and Specifications

[View Online](#)

2021-173_Product Substitution Request Form.docx

Product Substitution Request Form

[View Online](#)

Attachment A.pdf

Attachment A

[View Online](#)

Attachment B.pdf

Attachment B

[View Online](#)

Attachment C.pdf

Attachment C

[View Online](#)

Attachment D.pdf

Attachment D

[View Online](#)

Attachment E.pdf

Attachment E

[View Online](#)

Payment Bond.pdf

Payment Bond

[View Online](#)

Performance Bond.pdf

Performance Bond

[View Online](#)

2021-173 Information_Regarding_Conflict_of_Interest_Questionnaire.docx

Information Regarding Conflict of Interest Questionnaire

[View Online](#)

CIQ_113015.pdf

Conflict of Interest Questionnaire

[View Online](#)

W-9 rev 2018.pdf

W-9 Form

[View Online](#)

Requested Attachments

W9

(Attachment required)

Conflict of Interest Questionnaire (CIQ)

Bid Attributes

1 Solicitation Submittals

Collin County Purchasing will temporarily only accept IFB, RFP, RFQ and Quote submittals electronically in Ionwave (eBid) or via parcel carrier until further notice. Please do not deliver your solicitation response in person. All bid openings will be completed on schedule and witnessed by Collin County Purchasing staff to ensure all procurement statutes, policies and state laws are followed. Please initial.

(Required: Maximum 1000 characters allowed)

2 eBid Notice

Collin County exclusively uses IonWave Technologies, Inc. (Collin County eBid) for the notification and dissemination of all solicitations. The receipt of solicitations through any other means may result in your receipt of incomplete specifications and/or addendums which could ultimately render your bid/proposal non-compliant. Collin County accepts no responsibility for the receipt and/or notification of solicitations through any other means. Please initial.

(Required: Maximum 1000 characters allowed)

3 Contact Information

List the contact name, email address and phone number of the main person(s) Collin County should contact in reference to this solicitation. Contact(s) shall be duly authorized by the company, corporation, firm, partnership or individual to respond to any questions, clarification, and or offers in response to this solicitation.

(Required: Maximum 4000 characters allowed)

4 Calendar Days Bid

Please state the consecutive calendar days bid from notice to proceed through completion of project.

(Required: Numbers only)

5 Exceptions

Do you take exception to the specifications? If so, by separate attachment, please state your exceptions.

Yes No

(Required: Check only one)

6 Insurance Acknowledgement

I understand that the insurance requirements of this solicitation are required and are included in the submitted pricing. A certificate of insurance shall be submitted to the Purchasing department if I am awarded all or a portion of the resulting contract. Please initial.

(Required: Maximum 1000 characters allowed)

7 Bonding Requirement Acknowledgement

I understand that the bonding requirements of this solicitation are required and are included in the submitted pricing. A bond certificate (payment, performance, and/or maintenance) as stated in the specification document shall be submitted to the Purchasing department if I am awarded all or a portion of the resulting contract. Please initial.

(Required: Maximum 1000 characters allowed)

8 Subcontractors

State the business name of all subcontractors and the type of work they will be performing under this contract. If you are fully qualified to self-perform the entire contract, please respond with "Not Applicable-Self Perform".

(Required: Maximum 4000 characters allowed)

9 Reference No. 1

List a company or governmental agency, other than Collin County, where these same/like products/services, as stated herein, have been provided. Texas references preferred. Include the following: Company/Entity, Contact, Address, City/State/Zip, Phone, and E-Mail.

(Required: Maximum 4000 characters allowed)

10 Reference No. 2

List a company or governmental agency, other than Collin County, where these same/like products/services, as stated herein, have been provided. Texas references preferred. Include the following: Company/Entity, Contact, Address, City/State/Zip, Phone, and E-Mail.

(Required: Maximum 4000 characters allowed)

11 Reference No. 3

List a company or governmental agency, other than Collin County, where these same/like products/services, as stated herein, have been provided. Texas references preferred. Include the following: Company/Entity, Contact, Address, City/State/Zip, Phone, and E-Mail.

(Required: Maximum 4000 characters allowed)

1
2 **Cooperative Contracts**

As permitted under Title 8, Chapter 271, Subchapter F, Section 271.101 and 271.102 V.T.C.A. and Title 7, Chapter 791, Subchapter C, Section 791.025, V.T.C.A., other local governmental entities may wish to also participate under the same terms and conditions contained in this contract. Each entity wishing to participate must enter into an inter-local agreement with Collin County and have prior authorization from vendor. If such participation is authorized, all purchase orders will be issued directly from and shipped directly to the local governmental entity requiring supplies/services. Collin County shall not be held responsible for any orders placed, deliveries made or payment for supplies/services ordered by these entities. Each entity reserves the right to determine their participation in this contract. Would bidder be willing to allow other local governmental entities to participate in this contract, if awarded, under the same terms and conditions?

Yes No

(Required: Check only one)

1
3 **Preferential Treatment**

The County of Collin, as a governmental agency of the State of Texas, may not award a contract to a nonresident bidder unless the nonresident's bid is lower than the lowest bid submitted by a responsible Texas resident bidder by the same amount that a Texas resident bidder would be required to underbid a nonresident bidder to obtain a comparable contract in the state in which the nonresident's principal place of business is located (Government Code, Title 10, V.T.C.A., Chapter 2252, Subchapter A).

1. Is your principal place of business in the State of Texas?
2. If your principal place of business is not in Texas, in which State is your principal place of business?
3. If your principal place of business is not in Texas, does your state favor resident bidders (bidders in your state) by some dollar increment or percentage?
4. If your state favors resident bidders, state by what dollar amount or percentage.

(Required: Maximum 4000 characters allowed)

1
4 **Debarment Certification**

I certify that neither my company nor an owner or principal of my company has been debarred, suspended or otherwise made ineligible for participation in Federal Assistance programs under Executive Order 12549, "Debarment and Suspension," as described in the Federal Register and Rules and Regulations. Please initial.

(Required: Maximum 1000 characters allowed)

1
5 **Immigration and Reform Act**

I declare and affirm that my company is in compliance with the Immigration and Reform Act of 1986 and all employees are legally eligible to work in the United States of America. I further understand and acknowledge that any non-compliance with the Immigration and Reform Act of 1986 at any time during the term of this contract will render the contract voidable by Collin County. Please initial.

(Required: Maximum 1000 characters allowed)

**1
6 Disclosure of Certain Relationships**

Chapter 176 of the Texas Local Government Code requires that any vendor considering doing business with a local government entity disclose the vendor's affiliation or business relationship that might cause a conflict of interest with a local government entity. Subchapter 6 of the code requires a vendor to file a conflict of interest questionnaire (CIQ) if a conflict exists. By law this questionnaire must be filed with the records administrator of Collin County no later than the 7th business day after the date the vendor becomes aware of an event that requires the statement to be filed. A vendor commits an offense if the vendor knowingly violates the code. An offense under this section is a misdemeanor. By submitting a response to this request, the vendor represents that it is in compliance with the requirements of Chapter 176 of the Texas Local Government Code. Please send completed forms to the Collin County County Clerk's Office located at 2300 Bloomdale Rd., Suite 2104, McKinney, TX 75071. Please initial.

(Required: Maximum 1000 characters allowed)

**1
7 Anti-Collusion Statement**

Bidder certifies that its Bid/Proposal is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a Bid/Proposal for the same materials, services, supplies, or equipment and is in all respects fair and without collusion or fraud. No premiums, rebates or gratuities permitted; either with, prior to, or after any delivery of material or provision of services. Any such violation may result in Agreement cancellation, return of materials or discontinuation of services and the possible removal from bidders list. Please initial.

(Required: Maximum 1000 characters allowed)

**1
8 Disclosure of Interested Parties**

Section 2252.908 of the Texas Government Code requires a business entity entering into certain contracts with a governmental entity to file with the governmental entity a disclosure of interested parties at the time the business entity submits the signed contract to the governmental entity. Section 2252.908 requires the disclosure form (Form 1295) to be signed by the authorized agent of the contracting business entity, acknowledging that the disclosure is made under oath and under penalty of perjury. Section 2252.908 applies only to a contract that requires an action or vote by the governing body of the governmental entity before the contract may be signed or has a value of at least \$1 million. Section 2252.908 provides definitions of certain terms occurring in the section. Section 2252.908 applies only to a contract entered into on or after January 1, 2016. Please initial.

(Required: Maximum 1000 characters allowed)

**1
9 Notification Survey**

In order to better serve our offerors, the Collin County Purchasing Department is conducting the following survey. We appreciate your time and effort expended to submit your bid. Should you have any questions or require more information please call (972) 548-4165. How did you receive notice of this request?

- Plano Star Courier Plan Room Collin County eBid Notification Collin County Website
 Other

(Required: Check only one)

20

Bidder Acknowledgement

Bidder acknowledges, understands the specifications, any and all addenda, and agrees to the bid terms and conditions and can provide the minimum requirements stated herein. Bidder acknowledges they have read the document in its entirety, visited the site, performed investigations and verifications as deemed necessary, is familiar with local conditions under which work is to be performed and will be responsible for any and all errors in Bid submittal resulting from Bidder's failure to do so. Bidder acknowledges the prices submitted in this Bid have been carefully reviewed and are submitted as correct and final. If Bid is accepted, vendor further certifies and agrees to furnish any and all products upon which prices are extended at the price submitted, and upon conditions in the specifications of the Invitation for Bid. Please initial.

(Required: Maximum 1000 characters allowed)

Bid Lines

1

Package Header

Bid Grand Total

Quantity: 1 UOM: job Total: \$

Item Notes: Total Material Cost (line 1.1) and Total Labor Cost (line 1.2) must add up to the Bid Grand Total. The contract award will be based on the total bid price.

Supplier Notes: _____

- No bid
- Alternate specification
(Attach separate sheet)
- Additional notes
(Attach separate sheet)

Package Items

1.1 Total Material Cost Incorporated in Project

(Response required)

Quantity: 1 UOM: lump sum Unit Price: \$ Total: \$

Item Notes: Total Material Cost and Total Labor Cost must add up to the Bid Grand Total.

Supplier Notes: _____

- No bid
- Additional notes
(Attach separate sheet)

1.2 Total Labor Cost Incorporated in Project

(Response required)

Quantity: 1 UOM: lump sum Unit Price: \$ Total: \$

Item Notes: Total Material Cost and Total Labor Cost must add up to the Bid Grand Total.

Supplier Notes: _____

- No bid
- Additional notes
(Attach separate sheet)

Supplier Information

Company Name: _____

Contact Name: _____

Address: _____

Phone: _____

Fax: _____

Email: _____

Supplier Notes

The undersigned hereby certifies the foregoing bid submitted by the company listed below hereinafter called "bidder" is the duly authorized agent of said company and the person signing said bid has been duly authorized to execute same. Bidder affirms that they are duly authorized to execute this contract; this company; corporation, firm, partnership or individual has not prepared this bid in collusion with any other bidder or other person or persons engaged in the same line of business; and that the contents of this bid as to prices, terms and conditions of said bid have not been communicated by the undersigned nor by any employee or agent to any other person engaged in this type of business prior to the official opening of this bid.

Print Name

Signature

1.0 GENERAL INSTRUCTIONS

1.0.1 Definitions

1.0.1.1 Bidder: refers to submitter.

1.0.1.2 Vendor/Contractor/Provider: refers to a Successful Bidder/Contractor/Service Provider.

1.0.1.3 Submittal: refers to those documents required to be submitted to Collin County, by a Bidder.

1.0.1.4 IFB: refers to Invitation For Bid.

1.1 If Bidder does not wish to submit an offer at this time, please submit a No Bid.

1.2 Awards shall be made not more than ninety (90) days after the time set for opening of submittals.

1.3 Collin County is always conscious and extremely appreciative of your time and effort in preparing your submittal.

1.4 Collin County exclusively uses ionWave Technologies, Inc. (Collin County eBid) for the notification and dissemination of all solicitations. The receipt of solicitations through any other company may result in your receipt of incomplete specifications and/or addendums which could ultimately render your bid non-compliant. Collin County accepts no responsibility for the receipt and/or notification of solicitations through any other company.

1.5 A bid may not be withdrawn or canceled by the bidder prior to the ninety-first (91st) day following public opening of submittals and only prior to award.

1.6 It is understood that Collin County, Texas reserves the right to accept or reject any and/or all Bids for any or all products and/or services covered in an Invitation For Bid (IFB), and to waive informalities or defects in submittals or to accept such submittals as it shall deem to be in the best interest of Collin County.

1.7 All IFB's submitted in hard copy paper form shall be submitted in a sealed envelope, plainly marked on the outside with the IFB number and name. A hard copy paper form submittal shall be manually signed in ink by a person having the authority to bind the firm in a contract. Submittals shall be mailed or hand delivered to the Collin County Purchasing Department.

1.8 No oral, telegraphic or telephonic submittals will be accepted. IFB's may be submitted in electronic format via Collin County eBid.

1.9 All Invitation For Bids (IFB) submitted electronically via Collin County eBid shall remain locked until official date and time of opening as stated in the Special Terms and Conditions of the IFB.

1.10 Time/date stamp clock in Collin County Purchasing Department shall be the official time of receipt for all Invitation for Bids (IFB) submitted in hard copy paper form. IFB's received in the Collin County Purchasing Department after submission deadline shall be considered void and unacceptable. Absolutely no late submittals will be considered. Collin County accepts no responsibility for technical difficulties related to electronic submittals.

1.11 For hard copy paper form submittals, any alterations made prior to opening date and time must be initialed by the signer of the IFB guaranteeing authenticity. Submittals cannot be altered or amended after submission deadline.

1.12 Collin County is by statute exempt from the State Sales Tax and Federal Excise Tax; therefore, the prices submitted shall not include taxes.

1.13 Any interpretations, corrections and/or changes to an Invitation For Bid, and related Specifications or extensions to the opening/receipt date will be made by addenda to the respective document by the Collin County Purchasing Department. Questions and/or clarification requests must be submitted no later than the date specified in the solicitation. Those received at a later date may not be addressed prior to the public opening. Sole authority to authorize addenda shall be vested in Collin County Purchasing Agent as entrusted by the Collin County Commissioners' Court. Addenda may be transmitted electronically via Collin County eBid.

1.13.1 Addenda will be transmitted to all that are known to have received a copy of the IFB/RFQ/RFP/RFI/CSP and related Specifications. However, it shall be the sole responsibility of the Bidder/Quoter/Offeror to verify issuance/non-issuance of addenda and to check all avenues of document availability (i.e. **Collin County eBid** <https://collincountvtx.ionwave.net/>, telephoning Purchasing Department directly, etc.) prior to opening/receipt date and time to insure Bidder/Quoter/Offeror's receipt of any addenda issued. Bidder/Quoter/Offeror shall acknowledge receipt of all addenda.

1.14 All materials and services shall be subject to Collin County approval.

1.15 Collin County reserves the right to make award in whole or in part as it deems to be in the best interest of the County.

1.16 Any reference to model/make and/or manufacturer used in specifications is for descriptive purposes only. Products/materials of like quality will be considered.

1.17 Bidders taking exception to the specifications shall do so at their own risk. By offering substitutions, Bidder shall state these exceptions in the section provided in the IFB or by attachment. Exception/substitution, if accepted, must meet or exceed specifications stated therein. Collin County reserves the right to accept or reject any and/or all of the exception(s)/substitution(s) deemed to be in the best interest of the County.

1.19 Minimum Standards for Responsible Prospective Bidders: A prospective Bidder must meet the following minimum requirements:

1.19.1 have adequate financial resources, or the ability to obtain such resources as required;

1.19.2 be able to comply with the required or proposed delivery/completion schedule;

1.19.3 have a satisfactory record of performance;

1.19.4 have a satisfactory record of integrity and ethics;

1.19.5 be otherwise qualified and eligible to receive an award.

Collin County may request documentation and other information sufficient to determine Bidder's ability to meet these minimum standards listed above.

1.20 Vendor shall bear any/all costs associated with it's preparation of an IFB.

1.21 Public Information Act: Collin County is governed by the Texas Public Information Act, Chapter 552 of the Texas Government Code. All information submitted by prospective bidders during the bidding process is subject to release under the Act.

1.22 The Bidder shall comply with Commissioners' Court Order No. 2004-167-03-11, County Logo Policy.

1.23 Interlocal Agreement: Successful bidder agrees to extend prices and terms to all entities that has entered into or will enter into joint purchasing interlocal cooperation agreements with Collin County. Delivery to governmental entities located within Collin County will be at no additional charge or as otherwise provided for in the award

document. Delivery charges, if any, for governmental entities located outside of Collin County shall be negotiated between the Vendor and each governmental entity.

1.24 Bid Openings: All bids submitted will be read at the county's regularly scheduled bid opening for the designated project. However, the reading of a bid at bid opening should be not construed as a comment on the responsiveness of such bid or as any indication that the county accepts such bid as responsive.

The county will make a determination as to the responsiveness of bids submitted based upon compliance with all applicable laws, Collin County Purchasing Guidelines, and project documents, including but not limited to the project specifications and contract documents. The county will notify the successful bidder upon award of the contract and, according to state law; all bids received will be available for inspection at that time.

1.25 Bidder shall comply with all local, state and federal employment and discrimination laws and shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, age, national origin or any other class protected by law.

2.0 TERMS OF CONTRACT

2.1 A bid, when properly accepted by Collin County, shall constitute a contract equally binding between the Vendor/Contractor/Provider and Collin County. No different or additional terms will become part of this contract with the exception of a Change Order.

2.2 No oral statement of any person shall modify or otherwise change, or affect the terms, conditions or specifications stated in the resulting contract. All Amendments and/or Change Orders to the contract will be made in writing by Collin County Purchasing Agent.

2.3 No public official shall have interest in the contract, in accordance with Vernon's Texas Codes Annotated, Local Government Code Title 5, Subtitle C, Chapter 171.

2.4 The Vendor/Contractor/Provider shall comply with Commissioners' Court Order No. 96-680-10-28, Establishment of Guidelines & Restrictions Regarding the Acceptance of Gifts by County Officials & County Employees.

2.5 Design, strength, quality of materials and workmanship must conform to the highest standards of manufacturing and engineering practice.

2.6 Bids must comply with all federal, state, county and local laws concerning the type(s) of product(s)/service(s)/equipment/project(s) contracted for, and the fulfillment of all ADA (Americans with Disabilities Act) requirements.

2.7 All products must be new and unused, unless otherwise specified, in first-class condition and of current manufacture. Obsolete products, including products or any parts not compatible with existing hardware/software configurations will not be accepted.

2.8 Vendor/Contractor/Provider shall provide any and all notices as may be required under the Drug-Free Work Place Act of 1988, 28 CFR Part 67, Subpart F, to its employees and all sub-contractors to insure that Collin County maintains a drug-free work place.

2.9 Vendor/Contractor/Provider shall defend, indemnify and save harmless Collin County and all its officers, agents and employees and all entities, their officers, agents and employees who are participating in this contract from all suits, claims, actions, damages (including personal injury and or property damages), or demands of any character, name and description, (including attorneys' fees, expenses and other defense costs of any nature) brought for or on account of any injuries or damages received or sustained by any person, persons, or property on account of Vendor/Contractor/Provider's breach of the contract arising from an award, and/or any negligent act, error, omission or fault of the Vendor/Contractor/Provider, or of any agent, employee, subcontractor or supplier of Vendor/Contractor/Provider in the execution of, or performance under, any contract which may result from an award. Vendor/Contractor/Provider shall pay in full any judgment with costs, including attorneys' fees and expenses which are rendered against Collin County and/or participating entities arising out of such breach, act, error, omission and/or fault.

2.10 Expenses for Enforcement. In the event either Party hereto is required to employ an attorney to enforce the provisions of this Agreement or is required to commence legal proceedings to enforce the provisions hereof, the prevailing Party shall be entitled to recover from the other, reasonable attorney's fees and court costs incurred in connection with such enforcement, including collection.

2.11 If a contract, resulting from a Collin County IFB is for the execution of a public work, the following shall apply:

2.11.1 In accordance with V.T.C.A. 2253.021, a governmental agency that makes a public work contract with a prime contractor shall require the contractor, before beginning work, to execute to the governmental entity a Payment Bond if the contract is in excess of \$25,000.00. Such bond shall

be in the amount of the contract payable to the governmental entity and must be executed by a corporate surety in accordance with Section 1, Chapter 87, Acts of the 56th Legislature, Regular Session, 1959 (Article 7.19-1 Vernon's Texas Insurance Code).

2.11.2 In accordance with V.T.C.A. 2253.021, a governmental agency that makes a public work contract with a prime contractor shall require the contractor, before beginning work, to execute to the governmental entity a Performance Bond if the contract is in excess of \$100,000.00. Such bond shall be in the amount of the contract payable to the governmental entity and must be executed by a corporate surety in accordance with Section 1, Chapter 87, Acts of the 56th Legislature, Regular Session, 1959 (Article 7.19-1 Vernon's Texas Insurance Code).

2.12 Purchase Order(s) shall be generated by Collin County to the vendor. Collin County will not be responsible for any orders placed/delivered without a valid purchase order number.

2.13 The contract shall remain in effect until any of the following occurs: delivery of product(s) and/or completion and acceptance by Collin County of product(s) and/or service(s), contract expires or is terminated by either party with thirty (30) days written notice prior to cancellation and notice must state therein the reasons for such cancellation. Collin County reserves the right to terminate the contract immediately in the event the Vendor/Contractor/Provider fails to meet delivery or completion schedules, or otherwise perform in accordance with the specifications. Breach of contract or default authorizes the County to purchase elsewhere and charge the full increase in cost and handling to the defaulting Vendor/Contractor/Provider.

2.14 Collin County Purchasing Department shall serve as Contract Administrator or shall supervise agents designated by Collin County.

2.15 All delivery and freight charges (FOB Inside delivery at Collin County designated locations) are to be included as part of the bid price. All components required to render the item complete, installed and operational shall be included in the total bid price. Collin County will pay no additional freight/delivery/installation/setup fees.

2.16 Vendor/Contractor/Provider shall notify the Purchasing Department immediately if delivery/completion schedule cannot be met. If delay is foreseen, the Vendor/Contractor/Provider shall give written notice to the Purchasing Agent. The County has the right to extend delivery/completion time if reason appears valid.

2.17 The title and risk of loss of the product(s) shall not pass to Collin County until Collin County actually receives and takes possession of the product(s) at the point or points of delivery. Collin County shall generate a purchase order(s) to the Vendor/Contractor/Provider and the purchase order number must appear on all itemized invoices.

2.18 Invoices shall be mailed directly to the Collin County Auditor's Office, 2300 Bloomdale Road, Suite 3100, McKinney, Texas 75071. All invoices shall show:

2.18.1 Collin County Purchase Order Number;

2.18.2 Vendor's/Contractor's/Provider's Name, Address and Tax Identification Number;

2.18.3 Detailed breakdown of all charges for the product(s) and/or service(s) including applicable time frames.

2.19 Payment will be made in accordance with V.T.C.A., Government Code, Title 10, Subtitle F, Chapter 2251.

2.20 All warranties shall be stated as required in the Uniform Commercial Code.

2.21 The Vendor/Contractor/Provider and Collin County agree that both parties have all rights, duties, and remedies available as stated in the Uniform Commercial Code.

- 2.22 The Vendor/Contractor/Provider agree to protect Collin County from any claims involving infringements of patents and/or copyrights.
- 2.23 The contract will be governed by the laws of the State of Texas. Should any portion of the contract be in conflict with the laws of the State of Texas, the State laws shall invalidate only that portion. The remaining portion of the contract shall remain in effect. The contract is performable in Collin County, Texas.
- 2.24 The Vendor/Contractor/Provider shall not sell, assign, transfer or convey the contract, in whole or in part, without the prior written approval from Collin County.
- 2.25 The apparent silence of any part of the specification as to any detail or to the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best commercial practices are to prevail. All interpretations of the specification shall be made on the basis of this statement.
- 2.26 Vendor/Contractor/Provider shall not fraudulently advertise, publish or otherwise make reference to the existence of a contract between Collin County and Vendor/Contractor/Provider for purposes of solicitation. As exception, Vendor/Contractor/Provider may refer to Collin County as an evaluating reference for purposes of establishing a contract with other entities.
- 2.27 The Vendor/Contractor/Provider understands, acknowledges and agrees that if the Vendor/Contractor/Provider subcontracts with a third party for services and/or material, the primary Vendor/Contractor/Provider (awardee) accepts responsibility for full and prompt payment to the third party. Any dispute between the primary Vendor/Contractor/Provider and the third party, including any payment dispute, will be promptly remedied by the primary vendor. Failure to promptly render a remedy or to make prompt payment to the third party (subcontractor) may result in the withholding of funds from the primary Vendor/Contractor/Provider by Collin County for any payments owed to the third party.
- 2.28 Vendor/Contractor/Provider shall provide Collin County with diagnostic access tools at no additional cost to Collin County, for all Electrical and Mechanical systems, components, etc., procured through this contract.
- 2.29 Criminal History Background Check: If required, ALL individuals may be subject to a criminal history background check performed by Collin County prior to access being granted to Collin County facilities. Upon request, Vendor/Contractor/Provider shall provide list of individuals to the Collin County Purchasing Department within five (5) working days.
- 2.30 Non-Disclosure Agreement: Where applicable, vendor shall be required to sign a non-disclosure agreement acknowledging that all information to be furnished is in all respects confidential in nature, other than information which is in the public domain through other means and that any disclosure or use of same by vendor, except as provided in the contract/agreement, may cause serious harm or damage to Collin County. Therefore, Vendor agrees that Vendor will not use the information furnished for any purpose other than that stated in contract/agreement, and agrees that Vendor will not either directly or indirectly by agent, employee, or representative disclose this information, either in whole or in part, to any third party, except on a need to know basis for the purpose of evaluating any possible transaction. This agreement shall be binding upon Collin County and Vendor, and upon the directors, officers, employees and agents of each.
- 2.31 Vendors/Contractors/Providers must be in compliance with the Immigration and Reform Act of 1986 and all employees specific to this solicitation must be legally eligible to work in the United States of America.
- 2.32 Certification of Eligibility: This provision applies if the anticipated Contract exceeds \$100,000.00 and as it relates to the expenditure of federal grant funds. By submitting a bid or proposal in response to this solicitation, the Bidder certifies that at the time of submission, he/she is not on the Federal Government's list of suspended, ineligible, or debarred contractors. In the event of placement on the list between the time of bid/proposal submission and time of award, the Bidder will notify the Collin County Purchasing Agent. Failure to do so may result in terminating this contract for default.

2.33 Notice to Vendors/Contractors/Providers delivering goods or performing services within the Collin County Detention Facility: The Collin County Detention Facility houses persons who have been charged with and/or convicted of serious criminal offenses. When entering the Detention Facility, you could: (1) hear obscene or graphic language; (2) view partially clothed male inmates; (3) be subjected to verbal abuse or taunting; (4) risk physical altercations or physical contact, which could be minimal or possibly serious; (5) be exposed to communicable or infectious diseases; (6) be temporarily detained or prevented from immediately leaving the Detention Facility in the case of an emergency or “lockdown”; and (7) subjected to a search of your person or property. While the Collin County Sheriff’s Office takes every reasonable precaution to protect the safety of visitors to the Detention Facility, because of the inherently dangerous nature of a Detention Facility and the type of the persons incarcerated therein, please be advised of the possibility of such situations exist and you should carefully consider such risks when entering the Detention Facility. By entering the Collin County Detention Facility, you acknowledge that you are aware of such potential risks and willingly and knowingly choose to enter the Collin County Detention Facility.

2.34 Delays and Extensions of Time when applicable:

2.34.1 If the Vendor/Contractor/Provider is delayed at any time in the commence or progress of the Work by an act or neglect of the Owner or Architect/Engineer, or of an employee of either, or of a separate contractor employed by the Owner, or by changes ordered in the Work, or by labor disputes, fire, unusual delay in deliveries, unavoidable casualties or other causes beyond the Vendor/Contractor/Provider's control, or by delay authorized by the Owner pending mediation and arbitration, or by other causes which the Owner or Architect/Engineer determines may justify delay, then the Contract Time shall be extended by Change Order for such reasonable time as the Owner/Architect may determine.

2.34.2 If adverse weather conditions are the basis for a Claim for additional time, such Claim shall be documented by data substantiating that weather conditions were abnormal for the period of time and could not have been reasonably anticipated, and that the weather conditions had an adverse effect on the scheduled construction.

2.35 Disclosure of Certain Relationships: Chapter 176 of the Texas Local Government Code requires that any vendor considering doing business with a local government entity disclose the vendor’s affiliation or business relationship that might cause a conflict of interest with a local government entity. Subchapter 6 of the code requires a vendor to file a conflict of interest questionnaire (CIQ) if a conflict exists. By law this questionnaire must be filed with the records administrator of Collin County no later than the 7th business day after the date the vendor becomes aware of an event that requires the statement to be filed. A vendor commits an offense if the vendor knowingly violates the code. An offense under this section is a misdemeanor. By submitting a response to this request, the vendor represents that it is in compliance with the requirements of Chapter 176 of the Texas Local Government Code. Please send completed forms to the Collin County, County Clerk's Office located at 2300 Bloomdale Rd., Suite 2104, McKinney, TX 75071.

2.36 Disclosure of Interested Parties: Section 2252.908 of the Texas Government Code requires a business entity entering into certain contracts with a governmental entity to file with the governmental entity a disclosure of interested parties at the time the business entity submits the signed contract to the governmental entity. Section 2252.908 requires the disclosure form (Form 1295) to be signed by the authorized agent of the contracting business entity, acknowledging that the disclosure is made under oath and under penalty of perjury. Section 2252.908 applies only to a contract that requires an action or vote by the governing body of the governmental entity before the contract may be signed or has a value of at least \$1 million. Section 2252.908 provides definitions of certain terms occurring in the section. Section 2252.908 applies only to a contract entered into on or after January 1, 2016.

2.37 Vendors/Contractors/Providers must be in compliance with the provisions of Section 2252.152 and Section 2252.153 of the Texas Government Code which states, in part, contracts with companies engaged in business with Iran, Sudan, or Foreign Terrorist Organizations are prohibited. A governmental entity may not enter into a contract with a company that is listed on the Comptroller of the State of Texas website identified under Section 806.051, Section 807.051 or Section 2253.253 which do business with Iran, Sudan or any Foreign Terrorist Organization. This Act is effective September 1, 2017.

2.38 Force Majeure: No party shall be liable or responsible to the other party, nor be deemed to have defaulted under or breached this Agreement, for any failure or delay in fulfilling or performing any term of this Agreement, when and to the extent such failure or delay is caused by or results from acts beyond the affected party's reasonable control, including, without limitation: acts of God; flood, fire or explosion; war, invasion, riot or other civil unrest; actions, embargoes or blockades in effect on or after the date of this Agreement; or national or regional emergency (each of the foregoing, a "Force Majeure Event"). A party whose performance is affected by a Force Majeure Event shall give notice to the other party, stating the period of time the occurrence is expected to continue and shall use diligent efforts to end the failure or delay and minimize the effects of such Force Majeure Event.

NOTE: All other terms and conditions (i.e. Insurance Requirements, Bond Requirements, etc.) shall be stated in the individual IFB Solicitation documents as Special Terms, Conditions and Specifications.

3.0 INSURANCE REQUIREMENTS

3.1 Before commencing work, the vendor shall be required, at its own expense, to furnish the Collin County Purchasing Agent with certified copies of all insurance certificate(s) indicating the coverage to remain in force throughout the term of this contract.

3.1.1 **Commercial General Liability** insurance including but not limited to the coverage indicated below. Coverage shall not exclude or limit Products/Completed Operations, Contractual Liability, or Cross Liability. Coverage must be written on occurrence form.

- Each Occurrence: \$500,000
- Personal Injury & Adv. Injury: \$500,000
- Products/Completed Operation Aggregate: \$1,000,000
- General Aggregate: \$1,000,000

3.1.2 **Workers Compensation** insurance as required by the laws of Texas, and Employers' Liability.

Employers' Liability

- Liability, Each Accident: \$1,000,000
- Disease-Each Employee: \$1,000,000
- Disease – Policy Limit: \$1,000,000

3.1.3 **Commercial Automobile Liability** insurance which includes any automobile (owned, non-owned, and hired vehicles) used in connection with the contract.

- Combined Single Limit – Each Accident: \$100,000

3.1.4 **Umbrella/Excess Liability** insurance.

- Each Occurrence/Aggregate: \$1,000,000

3.2 With reference to the foregoing insurance requirement, the vendor shall endorse applicable insurance policies as follows:

3.2.1 A waiver of subrogation in favor of Collin County, its officials, employees, volunteers and officers shall be provided for General Liability, Commercial Automobile Liability, and Workers' Compensation.

3.2.2 The vendor's insurance coverage shall name Collin County as additional insured under the General Liability policy.

3.2.3 All insurance policies shall be endorsed to require the insurer to immediately notify Collin County of any decrease in the insurance coverage limits.

3.2.4 All insurance policies shall be endorsed to the effect that Collin County will receive at least thirty (30) days notice prior to cancellation, non-renewal or termination of the policy.

- 3.2.5 All copies of Certificates of Insurance shall reference the project/contract number.
- 3.3 All insurance shall be purchased from an insurance company that meets the following requirements:
 - 3.3.1 A financial rating of A-VII or higher as assigned by the BEST Rating Company or equivalent.
- 3.4 Certificates of Insurance shall be prepared and executed by the insurance company or its authorized agent, and shall contain provisions representing and warranting the following:
 - 3.4.1 Sets forth all endorsements and insurance coverages according to requirements and instructions contained herein.
 - 3.4.2 Sets forth the notice of cancellation or termination to Collin County.

4.0 SPECIAL CONDITIONS AND SPECIFICATIONS

- 4.1 **Authorization:** By order of the Commissioners' Court of Collin County, Texas sealed bids will be received for **Juvenile Detention Showers**.
- 4.2 **Intent of Invitation for Bid:** Collin County's intent of this Invitation for Bid (IFB) and resulting contract is to provide contractors with sufficient information to prepare a bid to: Furnish and install new permanent epoxy wall coating, replace missing ceramic floor tiles, and clean/seal ceramic tile floors in 25 showers.
- 4.3 **Mandatory Site Visit:** A site visit will be conducted by Collin County on **Tuesday, March 23, 2021 at 2:00 p.m. and 3:00 p.m.** RSVP is required for this site visit. **The cutoff to RSVP is Monday, March 22, 2021 at 2:00 p.m.** Please email purchasing@co.collin.tx.us and enter **2021-173 Juvenile Detention Showers** in the subject line to RSVP and include which date and time you will be attending, your company name, email address, and name of individuals who will be participating. Meeting location will be given in confirmation email. It is the Vendor's responsibility to review the site and documents to gain a full understanding of the requirements of the solicitation. All Vendors desiring to submit a bid are encouraged to have a representative at the site visit.
- 4.4 **Term:** Provide for a contract commencing on the date of the award and continuing until the project is complete.
- 4.5 **Funding:** Funds for payment have been provided through the Collin County budget approved by the Commissioners' Court for this fiscal year only. State of Texas statutes prohibit the County from any obligation of public funds beyond the fiscal year for which a budget has been approved. Therefore, anticipated orders or other obligations that may arise past the end of the current Collin County fiscal year shall be subject to budget approval.
- 4.6 **Price Reduction:** If during the life of the contract, the vendor's net prices to its customers for the same product(s) and/or services shall be reduced below the contracted price, it is understood and agreed that the County shall receive such price reduction.
- 4.7 **Calendar Days Bid:** Bidder shall state the number of calendar days to complete services at the County's designated location after receipt of purchase order in their bid document. Vendor shall state number of days to complete project in Attribute no. 4 – Calendar Days Bid.
- 4.8 Freight/Delivery Charges shall be included in the submitted pricing. No additional fees for delivery/freight/fuel surcharge or other fees shall be invoiced or paid by Collin County.
- 4.9 **Delivery/Installation Location:** Equipment Delivered to Collin County shall be delivered and installed at 4800 Community Ave. McKinney TX, 75071
- 4.10 **Approximate Value:** The estimated value of this contract is \$50,000. Approximate value does not constitute an order.
- 4.11 **Evaluation and Award:** Award of the contract shall be made to the responsive bidder who submits the lowest and best bid meeting specifications.
- The bidder's past experience of honoring contracts at the bid price as well as their past delivery history with Collin County, will be an important consideration in the evaluation of the lowest and best bid.
- Bidders failing to provide the information necessary for the evaluation of the bid may be considered non-responsive.
- 4.12 **Testing:** Testing may be performed at the request of Collin County, by an agent so designated, without expense to Collin County.

- 4.13 **Subcontractors:** Vendor shall state names of all subcontractors and the type of work they will be performing. If a Vendor fails to specify a subcontractor, then he shall be deemed to have agreed that he is fully qualified to perform the contract himself, and that he will fully perform the contract himself.

No Vendor whose bid is accepted shall (a) substitute any subcontractor, or (b) permit a subcontract to be voluntarily assigned or transferred or allow it to be performed by anyone other than the original subcontractor listed in the original bid without approval in writing from the Collin County Purchasing Department.

The successful Vendor further agrees that Collin County and its agents, servants and employees shall not be liable for any loss or damage resulting from personal injury, physical loss, harassment of or discrimination against employee or other violations of the provisions of this contract occasioned by the acts or omissions of the successful Vendor's sub-contractors, their agents or employees. The indemnification provisions of this contract shall apply to all sub-contractors.

- 4.14 **Bonding:**

4.14.1 The Contractor shall post with Owner, not later than ten (10) consecutive calendar days of Collin County Commissioners' Court award of Contract, a Payment Bond in the amount of one hundred percent (100%) of the total contract price in such form as is satisfactory to Owner, in compliance with Chapter 2253 of the Texas Government Code and all other applicable Texas Law, and on the form specified in the Contract Documents. This bond shall be executed by a corporate surety company duly authorized and admitted to do business in the State of Texas and licensed to issue such a bond in the State of Texas. The Contractor shall notify its corporate surety of any Contract changes.

4.14.2 The Contractor shall post with Owner, not later than ten (10) consecutive calendar days of Collin County Commissioners' Court award of Contract, a Performance Bond in the amount of one hundred percent (100%) of the total contract price in such form as is satisfactory to Owner, in compliance with Chapter 2253 of the Texas Government Code and all other applicable Texas Law, and on the form specified in the Contract Documents. This bond shall be executed by a corporate surety company duly authorized and admitted to do business in the State of Texas and licensed to issue such a bond in the State of Texas. The Contractor shall notify its corporate surety of any Contract changes.

- 4.15 The Contractor understands, acknowledges and agrees that if the Contractor subcontracts with a third party for services and/or material, the primary Contractor (awardee) accepts responsibility for full and prompt payment to the third party. Any dispute between the primary Contractor and the third party, including any payment dispute, will be promptly remedied by the Contractor. Failure to promptly render a remedy or to make prompt payment to the third party (subcontractor) may result in the withholding of funds from the primary Contractor by Collin County for any payments owed to the third party.

- 4.16 **Substitutions:** Brand names and model numbers provided in the specifications are intended to be descriptive, not restrictive. Collin County will accept equivalent brand equipment. No substitution will be considered unless written request has been submitted to Owner for approval at least seven (7) consecutive calendar days prior to the date for receipt of bids. A substitution request form shall be emailed to halley@co.collin.tx.us. If Owner approves a proposed substitution, such approval will be set forth in an Addendum.

- 4.17 **Warranties:** If within one year after final acceptance of the work by Collin County, any of the work or material is found to be defective or not in accordance with the specifications of the contract, the contractor shall correct it promptly after receipt of a written notice from the County to do so. This obligation shall survive termination or completion of the contract. The County shall give such notice promptly after discovery of the condition.

The contractor shall remove from the site all portions of the work which are defective or nonconforming and which have not been corrected unless removal is waived in writing by the County.

If any materials or equipment utilized in this contract are covered by a standard manufacturer's warranty greater than requirements specified herein, Contractor shall extend that coverage to Collin County.

4.18 **Scope of Work:** Replace approximately eight (8) pieces of missing ceramic floor tile. Clean approximately 670 sq.ft. of ceramic floor tile. Seal grout of approximately 440 sq.ft. of ceramic floor tile. Prepare and apply epoxy primer and topcoat to approximately 3,400 sq.ft. of painted CMU shower walls.

4.19 **Specifications:**

4.19.1 Replacing Missing Floor and Wall Base Tiles:

4.19.1.1 There are approximately eight missing pieces of ceramic tile. Tile size is 1 7/8" x 1 7/8" x 1/4". Color of tiles is a standard grey and shall match existing adjacent tiles as closely as possible. Provide color chart for new tiles to owner for color selection. There is no basis of design for the replacement tiles.

4.19.1.2 Tile mortar should be thin-set mortar rated for bathroom floors and walls. Basis of design is "Ceramic Tile Mortar" manufactured by Mapei. Substitutions of equal or higher quality may be accepted.

4.19.1.3 Grout shall be rated for bathroom floors and walls and shall have a high stain resistance. Basis of design for grout is "Ultracolor Plus All-in-One Grout" manufactured by Mapei. Substitutions of equal or higher quality will be accepted. Color will be selected by owner after the cleaning of adjacent tile/grout by contractor.

4.19.2 Cleaning Existing Floor and Wall Base:

4.19.2.1 There are 21 showers (or approximately 441 total sq.ft.) that have a ceramic tile floor & wall base. There are 4 showers (or approximately 230 total sq.ft.) that have resinous flooring and wall base. These shall be cleaned using two separate methods.

4.19.2.2 Showers containing existing ceramic tile floors shall be cleaned using a cleaner that will remove all dirt and soap- scum. The basis of design for this is the "Heavy-Duty Tile & Grout Cleaner" (Attachment 'A') manufactured by Aqua Mix. Substitutions of equal or higher quality will be accepted. Follow manufacturers application instructions.

4.19.2.3 The product used in the existing resinous floor showers is "Stonhard – Stoneshield HRI" (Attachment 'B'). Floors may be cleaned with "Simple Green" cleaner and/or power washer. Do NOT exceed a pressure of 3,000 psi if using a power washer. Doing so will damage the resinous flooring. Do NOT use any acidic cleaner as this will also damage the floor.

4.19.3 Sealing Grout of Tiled Shower Floors and Base:

4.19.3.1 Sealant shall be applied after cleaning of tile and grout per manufacturer's instructions.

4.19.3.2 Sealant shall be a non-sheen, water based, penetrating sealer that provides stain protection. Apply product per manufacturer's instructions. Basis of design is "Sealer's Choice Gold" (Attachment 'C') manufactured by Aqua Mix. Substitutions of equal or higher quality may be accepted.

4.19.4 Epoxy for Shower Walls:

4.19.4.1 Basis of design for epoxy is "Floropoxy 4900V" (Attachment 'D') manufactured by Florock. Substitutions of equal or higher quality may be accepted.

4.19.4.2 Epoxy system shall be 100% solids rated for vertical applications. Specifications are as follows:

4.19.4.2.1 Flexural strength no less than 12,400 psi.

4.19.4.2.2 Compressive strength no less than 11,000 psi.

4.19.4.2.3 Water absorption no greater than 0.1%

4.19.4.2.4 Impact Resistance of 160 in/lb or greater

4.19.4.3 “Floropoxy 4900V” is a topcoat and shall be applied over “Floropoxy 4905 Fast Cure Primer” (Attachment ‘E’). Prepare surfaces of CMU walls according to manufacturer’s instructions prior to applying “Floropoxy 4905 Fast Cure Primer”.

4.19.4.4 “Floropoxy 4900V” is a clear product, but final color shall be White. Follow “field tinting” instructions from manufacturer to achieve this.

4.19.4.5 Epoxy system shall be applied from top of wall base at floor to top of wall. All ceilings and surroundings shall be protected so that excess does not get epoxy applied. Immediately clean any excess epoxy from adjacent surfaces.

PRODUCT SUBSTITUTION REQUEST FORM
(Must be submitted a minimum of 7 days before the bid date)

Bidder: _____ Project No: _____

Project: _____

Section: _____ Article/ Paragraph: _____

Proposed Substitution: _____

Manufacturer: _____ Address: _____

Telephone: _____ Proposed Model No.: _____

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its installation.

The undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by substitution.

Submitted By: _____ Signed: _____

Firm: _____ Address: _____

Phone: _____

REVIEW & ACTION (Initial)

- _____ Substitution approved - Make submittals in accordance with Project Manual requirements.
_____ Substitution approved as noted - Make submittals in accordance with Project Manual requirements.
_____ Substitution rejected - Use specified materials.
_____ Substitution Request received too late - Use specified materials.

Signature: _____ Date: _____

Supporting Data Attached: ___ Drawings ___ Product Data ___ Samples ___ Tests ___ Reports ___ Other

END OF REQUEST FORM

Aqua Mix® Heavy-Duty Tile & Grout Cleaner

1 Product Name

Aqua Mix® Heavy-Duty Tile & Grout Cleaner

2 Manufacturer

Custom Building Products
 Technical Services
 10400 Pioneer Boulevard, Unit 3
 Santa Fe Springs, CA 90670
 Customer Support: 800-272-8786
 Technical Services: 800-282-8786
 Fax: 800- 200-7765
 Email: contactus@cbpmail.net
custombuildingproducts.com



3 Product Description

A concentrated, high-alkaline cleaner and degreaser. Aqua Mix® Heavy-Duty Tile & Grout Cleaner effectively removes grease, soap scum and other organic materials from areas that have been neglected or subjected to heavy use. It also removes synthetic and acrylic waxes and floor finishes.

Key Features

- For heavily soiled and neglected areas
- Cleans ground-in dirt, grease, soap scum, and other organic materials
- Strips wax and floor finishes

Suitable Tile Types

Natural stone (such as granite, limestone, slate and travertine), ceramic, porcelain, quarry, Saltillo, terra-cotta, cement pavers, masonry surfaces, linoleum or resilient flooring.

Limitations to the Product

- Do not allow cleaner to come in contact with any non-recommended surface
- May adversely affect grout joints that have been coated with colorant or grout stain
- Regular use of high-alkaline cleaners will reduce sealer life

4 Technical Data

Technical Properties Chart

- Removes common dirt and grease
- Removes acrylic waxes and coatings
- Complies with all federal EPA and SCAQMD standards for VOC

Technical Chart

Property	Test Method	Requirement	Typical Results
	pH	n/a	11-12 (alkaline)

5 Instructions

Application of Product

USE CHEMICAL-RESISTANT GLOVES, such as nitrile, when handling product.

Read entire label before using. Put on rubber gloves and eye protection. Sweep, vacuum, or wipe surface. Mix Heavy-Duty Tile & Grout Cleaner as follows:

LIGHT SOIL BUILDUP: Mix 1 part cleaner to 5 parts water.

MODERATE SOIL BUILDUP: Mix 1 part cleaner to 3 parts water.

STRIPPING OR HEAVY SOIL BUILDUP: Mix 1 part cleaner to 2 parts water.

Apply solution to surface with mop or sponge. Allow to dwell 3 to 5 minutes for cleaning, or 5 to 10 minutes when stripping waxes or finishes. Agitate with synthetic mop, scrub brush, or scrub machine. Do not allow solution to dry on surface. Mop up dirty solution. Rinse thoroughly with clean water.

Cleaning of equipment

Clean tools with water before material dries.

Storage

- Close container tightly after each use
- Store in original container only
- Store in and use in temperatures between 45° F to 85° F (7° C to 29° C)
- Store in areas inaccessible to small children
- Do not reuse empty container, wrap and discard in trash or recycle

Health Precautions

CORROSIVE. CAUSES BURNS. HARMFUL IF SWALLOWED. Wear skin and eye protection. Do not breathe vapor or spray. Contains sodium hydroxide and ethylene glycol monobutyl ether. If in eyes, flush with water for at least 15 minutes. If on skin, wash with soap and water. If respiratory tract is irritated, remove to fresh air. If irritation persists, seek medical attention. If swallowed, DO NOT induce vomiting. Seek medical attention.

6 Availability & Cost

Location	Item Code	Size	Package
USA	010382-4	1 qt (946 ml)	Bottle
USA	010383	1 gallon (3.8 L)	Bottle
USA	010384*	5 gallon (19 L)	Pail
Canada	C010382-4	1 qt (946 ml)	Bottle
Canada	C010383	1 gallon (3.8 L)	Bottle
Canada	C010384*	5 gallon (19 L)	Pail



CUSTOM®

Aqua Mix® Heavy-Duty Tile & Grout Cleaner

* Indicates a special order item

7 Product Warranty

Obtain the applicable **LIMITED PRODUCT WARRANTY** at www.custombuildingproducts.com/product-warranty or send a written request to Custom Building Products, Inc., Five Concourse Parkway, Atlanta, GA 30328, USA. Manufactured under the authority of Custom Building Products, Inc. © 2017 Quikrete International, Inc.

8 Product Maintenance

Properly applied product requires no special maintenance.

9 Technical Services Information

For technical assistance, contact Custom technical services at 800-282-8786 or visit custombuildingproducts.com.

10 Filing System

Additional product information is available from the manufacturer upon request.

VOC Content

Maximum VOCs: 25 grams per liter

Related Products

Aqua Mix® Sealer's Choice® Gold



Aqua Mix® Heavy-Duty Tile & Grout Cleaner

Coverage

SIZE	Min Coverage	Max Coverage	
1 Gallon (3.78 L)	150 sq. ft. (15 M ²)	600 sq. ft. (55 M ²)	Depending on dilution.



CUSTOM®

PRODUCT DESCRIPTION

Stonshield HRI is a nominal 3/16 in./5 mm thick durable flooring system with a decorative, slip-resistant surface. Its troweled base provides superior impact resistance and allows the Stonshield HRI to be applied over rough substrates. The color quartz broadcast topshield layer results in an attractive floor surface that is textured for safety. It is comprised of:

Stonshield HRI Base

A four-component, troweled mortar base consisting of epoxy resin, curing agent and finely graded silica aggregate

Stonshield Undercoat

A three-component, free flowing epoxy formulation consisting of resin, curing agent, pigment and fine aggregate

Stonshield Aggregate

Brightly colored, quartz broadcast aggregate

Stonkote CE4

A two-component, high-performance, UV-resistant, clear epoxy sealer

SYSTEM OPTIONS

Waterproofing

Where the total system must be waterproof, use of Stonhard's Stonproof ME7 membrane system is required with strict adherence to application instructions.

Cove Base

To provide an integral seal at the joint between the floor and the wall, cove bases in heights from 2 to 6 in./5 to 15 cm are available.

Standard or Medium Texture

Stonkote CE4 is applied at a thickness that will produce the desired texture.

Recycled Glass Content

It is possible to obtain LEED points by replacing Stonshield HRI base with Stonclad GR. The epoxy mortar system contains 30% recycled materials and rapidly renewable soy-based components.

PACKAGING

Stonshield HRI is packaged in units for easy handling. Each unit consists of:

Stonshield HRI Base

2 cartons, each containing:

6 foil bags of Amine

6 poly bags of Resin

12 individual bags of Part C-1 Aggregate

1 carton containing:

12 bags of Part C-2 Pigment

Stonshield Undercoat

0.75 carton containing:

6 foil bags of Amine

6 poly bags of Resin

0.75 carton containing:

6 bags of undercoat filler

Stonshield Aggregate

6 individual bags of colored quartz aggregate

Stonkote CE4 Standard Texture

0.75 carton containing:

6 foil bags of Amine

6 poly bags of Resin

PHYSICAL CHARACTERISTICS

Compressive Strength.....	10,000 psi
(ASTM C-579)	after 7 days
Tensile Strength	2,000 psi
(ASTM C-307)	
Flexural Strength.....	4,300 psi
(ASTM C-580)	
Flexural Modulus of Elasticity	2.0 x 10 ⁶ psi
(ASTM C-580)	
Hardness.....	85 to 90
(ASTM D-2240, Shore D)	
Impact Resistance.....	>160 in./lbs.
(ASTM D-2794)	
Abrasion Resistance	0.06 gm max. weight loss
(ASTM D-4060, CS-17)	
Flammability	Class 1
(ASTM E-648)	
Thermal Coefficient of	
Linear Expansion	1.3 x 10 ⁻⁵ in./in. °F
(ASTM C-531)	
Water Absorption.....	0.1%
(ASTM C-413)	
VOC Content.....	Stonshield HRI Base - 4 g/l
(ASTM D-2369)	Stonshield Undercoat - 34 g/l
.....	Stonkote CE4 - 34 g/l
Cure Rate.....	12 hours for foot traffic
(@ 77°F/25°C).....	24 hours for normal operations

Note: The above physical properties were measured in accordance with the referenced standards. Samples of the actual floor system, including binder and filler, were used as test specimens. All sample preparation and testing is conducted in a laboratory environment, values obtained on field applied materials may vary and certain test methods can only be conducted on lab-made test coupons.

Medium Texture

One carton containing:
6 foil bags of Amine
6 poly bags of Resin

COVERAGE

Each unit of Stonshield HRI will cover approximately 300 sq. ft./27.9 sq. m of surface at a nominal 3/16 in./5 mm thickness.

STORAGE CONDITIONS

Store all components of Stonshield HRI between 60 to 85°F/16 to 30°C in a dry area. Avoid excessive heat and do not freeze. The shelf life is 3 years in the original, unopened container.

COLOR

Stonshield HRI is available in 2 solid colors and 10 tweed pattern standard colors. Refer to the Stonshield Color Sheet. Custom colors are available upon request.

SUBSTRATE

Stonshield HRI, in conjunction with its appropriate primer, is suitable for application over properly prepared concrete, both new and old. It is also designed for renovation work over wood or sound brick and quarry tile. For questions regarding other substrates or an appropriate primer, contact your local representative or Technical Service.

SUBSTRATE PREPARATION

Proper preparation is critical to ensure an adequate bond and system performance. The substrate must be dry and properly prepared utilizing mechanical methods. Questions regarding substrate preparation should be directed to your local Stonhard representative or Technical Service.

PRIMING

The use of Standard Primer is necessary for all applications of Stonshield HRI base over all substrates except Stonset grouts. Over Stonset grouts, Stonhard's Stonset Primer is used. See the appropriate primer product data sheet for details.

MIXING

Proper mixing is critical for the product to exhibit the proper application properties and ultimate physical properties. Due to the variety of system configurations available for Stonshield HRI, consult the Stonshield HRI Directions for details.

APPLYING

- DO NOT attempt to install material if the temperature of Stonshield HRI components and substrate are not within 60 to 85°F/16 to 30°C. The cure time and application properties of the material are severely affected.
- It is important to understand the risks when installing the Stonshield Undercoat in jobsites that are being conditioned with temporary heat.
- If the finished heat is not installed in the facility, and temporary heat is being utilized to achieve good site conditions, there is an increased risk of with broadcast aggregate acceptance with the Stonshield Undercoat. The use of temporary heat will increase the delta between air and slab temperature and will also increase the level of humidity and CO₂ in the air. These conditions increase the risk of blushing of the Stonshield Undercoat surface and can lead to significant broadcast aggregate acceptance issues. If you have a site with temporary heat, contact Technical Service for recommendations.
- Material must be applied immediately after mixing.
- HRI base is screeded and troweled into wet primer.
- Stonshield Undercoat is mixed and applied to the floor surface.
- Stonshield Aggregate is broadcast into the freshly rolled undercoat. Allow to cure.
- Scrape the floor with a steel squeegee, sweep to remove loose aggregate, then vacuum.
- Stonkote CE4 is then mixed and applied.
- Refer to Stonshield HRI Directions for further detail.

PRECAUTIONS

- Use these materials only in strict accordance with the manufacturer's recommended safety procedures. Dispose of waste materials in accordance with government regulations.
- The selection of proper protective clothing and equipment will significantly reduce the risk of injury. Body covering apparel, safety goggles or safety glasses and impermeable gloves are required.
- In case of contact, flush area with water for 15 minutes and seek medical attention. Wash skin with soap and water.
- If material is ingested, immediately contact a physician. DO NOT INDUCE VOMITING.
- During prep-work of floor substrate or mixing of Stonhard product while adding aggregate, dust masks must be worn.

NOTES

- Procedures for cleaning of the flooring system during operations can be found in the Stonhard Floor Maintenance Guide.
- Specific information regarding chemical resistance is available in the Stonshield Chemical Resistance Guide. If a coating is utilized to seal the Stonshield HRI surface, please ensure that you consult the Product Data Sheet for the coating for details regarding chemical resistance of the coating utilized.
- Safety Data Sheets for Stonshield HRI are available online at www.stonhard.com under Products or upon request.
- A staff of technical service engineers is available to assist with installation or to answer questions related to Stonhard products.
- Requests for literature can be made through local sales representatives and offices, or corporate offices located worldwide.
- The appearance of all floor, wall and lining systems will change over time due to normal wear, abrasion, traffic and cleaning.

Generally, high gloss coatings are subject to a reduction in gloss, while matte finish coatings can increase in gloss level under normal operating conditions.

- Surface texture of resinous flooring surfaces can change over time as a result of wear and surface contaminants. Surfaces should be cleaned regularly and deep cleaned periodically to ensure no contaminant buildup occurs. Surfaces should be periodically inspected to ensure they are performing as expected and may require traction-enhancing maintenance to ensure they continue to meet expectations for the particular area and conditions of use.

IMPORTANT:

Stonhard believes the information contained here to be true and accurate as of the date of publication. Stonhard makes no warranty, expressed or implied, based on this literature and assumes no responsibility for consequential or incidental damages in the use of the systems described, including any warranty of merchantability or fitness. Information contained here is for evaluation only. We further reserve the right to modify and change products or literature at any time and without prior notice.

06/19
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STONHARD®

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Aqua Mix® Sealer's Choice® Gold

1 Product Name

Aqua Mix® Sealer's Choice® Gold

2 Manufacturer

Custom Building Products
 Technical Services
 10400 Pioneer Boulevard, Unit 3
 Santa Fe Springs, CA 90670
 Customer Support: 800-272-8786
 Technical Services: 800-282-8786
 Fax: 800- 200-7765
 Email: contactus@cbpmail.net
custombuildingproducts.com

3 Product Description

A premium, no-sheen, natural look, water-based, penetrating sealer formulated to provide maximum stain protection, especially in food preparation and serving areas. Allows moisture vapor transmission. Rapid Cure Formula protects in less than 4 hours. May also be used as a pre-grouting sealer.

Key Features

- Premium sealer for stone, tile and grout
- Maximum stain resistance
- Water-based formula
- For interior and exterior use

Suitable Tile Types

As a sealer or grout release for all natural stone surfaces, unglazed tile, porcelain, clay pavers, concrete, brick, masonry, and grout. For interior and exterior use.

Limitations to the Product

- Do not allow sealer to come in contact with any non-recommended surface.
- If product is allowed to dry on surface, a white film may form. If this occurs, scrub with [Aqua Mix NanoScrub](#) and a white nylon pad.
- Sealer will not prevent surface wear or etching from acids or caustic chemicals.

4 Technical Data

Technical Properties Chart

Complies with all Federal EPA and SCAQMD standards for VOC

Technical Chart

Property	Test Method	Typical Results
Stain Resistance	CTI-072	Excellent
pH		8

5 Instructions

General Surface Prep

Surface should be dry, clean and free of waxes, sealers or finishes. New installations need to be dry 48 hours before application. Protect surrounding surfaces. Test product in an inconspicuous area to ensure desirable results.



Exterior applications must meet moisture conditions - [read CUSTOM Technical Bulletin 49](#) for details.

Application of Product

USE CHEMICAL-RESISTANT GLOVES, such as nitrile, when handling product.

Read entire label before using. Apply using a paint pad applicator, sponge or brush. Allow it to penetrate for up to 5 minutes. Wipe surface completely dry using clean, dry cotton, paper or microfiber towels after each application. Porous surfaces may require additional applications. Conduct a test to see if surface is completely sealed after 2 hours by applying drops of water on the surface. If it penetrates, an additional application is required.

Pre-Grout Sealer/Grout Release

Porous tile and stone can be stained by grout during installation. Sealing the tile before grouting will make grout removal much easier. Apply sealer according to directions after tile has been bonded for a minimum of 24 hours, or apply to front face of tile before installation. Wait a minimum of 2 hours before grouting.

Drying Time

- Allow 30 minutes drying time between applications.
- Ready for surface traffic in 2 hours.
- Keep dry for 12 hours.
- Achieves a full cure in 24 hours.

Cleaning of equipment

Clean tools with soap and water immediately after use.

Health Precautions

MAY BE HARMFUL IF SWALLOWED. MAY IRRITATE EYES AND SKIN. Wear appropriate skin and eye protection equipment and ventilate area when spraying. Contains glycol ether monobutyl ether. If in eyes, flush with water for at least 15 minutes. If on skin, wash with soap and water. If irritation persists, seek medical attention. If swallowed, DO NOT induce vomiting. Seek medical attention.



CUSTOM®

Aqua Mix® Sealer's Choice® Gold

Aqua Mix® Concentrated Stone & Tile Cleaner

6 Availability & Cost

Location	Item Code	Size	Package
USA	030881	1 pt (473 ml)	Bottle
USA	030882-4	1 qt (946 ml)	Bottle
USA	030883	1 gallon (3.8 L)	Bottle
USA	030884	5 gallon (19 L)	Pail
Canada	C030881	1 pt (473 ml)	Bottle
Canada	C030882-4	1 qt (946 ml)	Bottle
Canada	C030883	1 gallon (3.8 L)	Bottle
Canada	C030884	5 gallon (19 L)	Pail

7 Product Warranty

Obtain the applicable **LIMITED PRODUCT WARRANTY** at www.custombuildingproducts.com/product-warranty or send a written request to Custom Building Products, Inc., Five Concourse Parkway, Atlanta, GA 30328, USA. Manufactured under the authority of Custom Building Products, Inc. © 2017 Quikrete International, Inc.

8 Product Maintenance

Do not use cleaners containing ammonia, acids or bleach. Use an appropriate TileLab® or Aqua Mix® neutral cleaner. Tile industry experts recommend periodic testing of sealed surfaces. Apply a few drops of water on the surface. If it soaks in, an additional application of sealer will be necessary to keep sealer at peak performance.

9 Technical Services Information

For technical assistance, contact Custom technical services at 800-282-8786 or visit custombuildingproducts.com.

10 Filing System

Additional product information is available from the manufacturer upon request.

VOC Content

Maximum VOCs: 73 grams per liter

Expected Wear

- Will vary depending on hardness and texture of surface, type of area, surface wear, frequency, and type of maintenance products used
- Weather conditions, harsh cleaning methods, and high-alkaline, acidic, or solvent-based cleaners will affect wear
- Expected wear of all sealers is dependent on many environmental issues and intended use. Review our technical bulletin, TB84, at our website for more information.

Handling & Storage

- Close container tightly after each use
- Store in original container only
- Store and use between temperatures of 45° F - 85° F (7° C - 29° C)
- Dispose of residue or any unused leftover product in accordance with applicable federal, state and local requirements

Related Products

Aqua Mix® AquaKleen™

Aqua Mix® AquaShield™ Cleaner & Resealer

Published Date: 4/2/2018



CUSTOM®

Aqua Mix® Sealer's Choice® Gold

Coverage

Depends on type of stone or tile, porosity and texture of surface, temperature, humidity, and method of application.

Size	Min Coverage	Max Coverage
1 Gallon (3.78 L)	300 ft ² (28 M ²)	1,500 ft ² (139 M ²)



Floropoxy 4900V 100% Solids Epoxy Clear Midcoat/Topcoat for Horizontal & Vertical Applications

Product Description: Floropoxy 4900V is a high body non-ambering, clear glossy epoxy that can be used on vertical as well as horizontal surfaces as a midcoat or topcoat over slurry, mortar and decorative systems. Floropoxy 4900V may be used in place of Floropoxy 4865 in any Florock System.

Typical Uses, Applications: Ideally suited for midcoat and topcoat use in commercial, industrial and light institutional applications, such as:

- Hospitals
- Detention facilities
- Warehouses
- Manufacturing plants
- Schools and Universities
- Restaurants and Hospitality Facilities
- Retail and Grocery Stores

Product Advantages:

- Amber-resistant clear
- High performance and durability
- Very low odor
- Can be applied vertically
- Provides an orange peel texture over smooth coatings
- Meets USDA requirements
- A variety of colors can be achieved with the addition of Florock 100% Solids Colorants

Packaging:

- 3 Gal Case
- 15 Gal Pail Set

Cured Physical Properties		
Property	Test Method	Results
Compressive Strength	ASTM C579	11,200 psi
Tensile Strength	ASTM C2370	6,000 psi
Flexural Strength	ASTM D790	12,400 psi
Indentation	MIL-D-3134F	No Indentation
Shore Hardness	ASTM D2240	Shore D 80
Water Absorption	ASTM C413	0.1%
Flammability	Over Concrete	Self-Extinguishing
Bond Strength	ASTM D454	>400 psi
Gloss	60 Degrees	85 units
Abrasion Resistance, Taber Abrader CS-17 Wheel, 1000 gm load, 1000 cycles	ASTM D4060	100 mg
Water Resistance, Fed. Test Std. #141 Method 6011	ASTM D1308	No Effect
Salt Water Resistance Fed. Test Std. #141 Method 6061	ASTM B117	No Effect
Boiling Water Resistance (1 hour continuous exposure)	ASTM D2571	No Effect
Impact Resistance	ASTM D3134	>160 in/lb

Storage: All containers should be stored at 40° F to 95° F, kept tightly sealed and out of direct sunlight.

Coverage: Apply Floropoxy 4900V at 160 SF/gallon to achieve 10 mils thickness or at 100 SF/gallon for 16 mils.

Surface Preparation: New concrete must have a 28 day cure, and preferably a broom swept finish, prior to coating. In the case of older concrete flooring, remove all surface oils, paint, dust and debris. Prior to coating, make sure the surface is clean, passes the MVT test and the water drop test and that all surface defects have been repaired. Refer to the Florock "Preparation of Concrete" datasheet for more information on preparation and MVT before proceeding.

Note: Floropoxy should not be applied when floor temperature is above 90° F or below 55° F, or when within 5° F of the dew point.

Typical Application: One coat of Floropoxy 4900V, applied over Floropoxy 4905 Fast Cure Primer.

Note: For a fielded tinted application, the primer should be tinted to the same color as the topcoat.

Primer Application: Once surface preparation is complete, apply Floropoxy 4905 Fast Cure Primer to the concrete floor. Follow mixing application instructions for system 4905.

Note: The cure time will vary with conditions. Allow a minimum of 6 hours and a maximum of 24 hours before next step.

Clear Top Coat Application: When the primer has cured, and before 24 hours elapses, apply the Floropoxy 4900V top coat. In a clean, dry container, blend 2 parts by volume of Resin Part A with 1 part by volume of Activator Part B. Mix thoroughly for 3 to 5 minutes using a low speed mechanical mixer. Transfer the mixture from the batch container to a transport container, remix and pour entire contents from transport container onto the floor immediately. Using flat or notched squeegee, spread at 160 SF/gallon for 10 mils or at 100 SF/gallon for 16 mils. Backroll with a 3/8" nap roller.

Chemical Resistance	
Reagent	24 Hr. Spot Test Results
Water	1
Isopropyl Alcohol	5
Acetone	5
Ammonia	1
Sulfuric Acid 10%	1
Sulfuric Acid 25%	1
Nitric Acid 10%	1
Hydrochloric Acid 10%	1
Phosphoric Acid 50%	4
Citric Acid 10%	1
Brake Fluid	4
Sodium Chloride 20%	1
Acetic Acid 10%	1
Sugar Solution 10%	1
MEK	5
JP 4 Jet Fuel	2
1-1-1 Trichloroethane	1
Methylene Chloride	5
Xylene	5
Toluene	5
Mineral Spirits	1
MIBK	5
Skydrol	5
Tincture of Iodine	1,S
Lactic Acid 10%	1

System cured 2 weeks prior to testing. Test results are based on 1 hour and 24 hour exposures with 2 hour recovery.

- 1- Excellent. No change in pencil hardness
- 2- Good. 1-2 units change in pencil hardness
- 3- Fair. 3 units change in pencil hardness
- 4- Poor. 4 or more units change in pencil hardness
- 5- Stains

For Field Tinting Floropoxy 4900V: Blend 2 gallons clear epoxy Part A with 1 gallon Activator Part B and add 1 or 2 quarts of Florock 100% Solids Colorant. Consult colorant chart or your Florock Representative to decide which amount of colorant is best for your application.

Floropoxy 4900V 100% Solids Epoxy Clear Midcoat/Topcoat for Horizontal & Vertical Applications

Instructions for Use over Existing Coatings: Examine the existing coating to ensure that it is well bonded to the concrete. Any loose coating must be completely removed. The surface must be free of all dirt, oils or other contaminants. After the floor has completely cured, sand the existing coating until a powdery residue is evident and all gloss is good removed. Sweep or vacuum clean, and wipe with xylene to ensure adhesion of the new system.

Please read material safety data before using product.

DISCLAIMER: All preceding statements and recommendations are based on experience we believe to be reliable. The use or the application of these products being beyond the control of the Seller or Manufacturer, neither Seller nor Manufacturer make any warranty, expressed or implied, as to results or hazard from its use. The suitability, risk and liability whatsoever of a product for an intended use shall be solely up to the user.

4900V Liquid Physical Properties			
Property	Test Method	M1-088 Component A	U0-174 Component B
Viscosity	ASTM D2196	30,000 cps	300 cps
Flash Point	ASTM D3278	>200 F	>200 F
Wt./Gal	ASTM D1475	9.5 lbs	8.5 lbs
N.V.W.	ASTM D2369	100%	100%
N.V.V.	ASTM D1259	100%	100%

Blended Component Properties 4900V	
Blended Ratio	2:1 by volume
Blended Solids	100%
Pot Life (15 lb. mass)*	29 minutes
Curing Time, 70° F @ 50% RH	
Set to Touch	12 hours
Minimum Recoat	12-14 hours
Maximum Recoat	24 hours
Foot Traffic	12-14 hours
Floor & Air Temp. Limitation**	55° F - 90° F
Blended Viscosity ASTM D2196	8,000 cps
Recommended Clean Up Solvent	Xylene
VOC, ASTM D3960	0

*Pot Life will be less with warmer slab and material temperatures. Pot life is based on 15 pound mass. Larger masses will have a shorter life.

**Cooler Temperatures require longer cure time.

Floropoxy 4905

Product Description: Floropoxy 4905 is a low viscosity, 100% solids, self-leveling epoxy. Floropoxy 4905 is available with a standard or fast curing activator. This product is excellent for priming and midcoat use.

Typical Uses, Applications: Ideally suited for primer and mid-coats for flooring systems used in commercial, industrial and light institutional applications, such as:

- Hospitals
- Detention facilities
- Warehouses
- Manufacturing plants
- Washrooms

Product Advantages:

- Low Viscosity
- Fast cure time
- Excellent self-leveling properties
- A variety of colors can be achieved with the addition of Florock 100% Solids Colorants

Packaging

- 15 Gal Pail Set
- 165 Gal Drum Set

Storage: All containers should be stored at 40° F to 95° F and be kept tightly sealed and out of direct sunlight.

Coverage:

Apply Floropoxy 4905 at 100-200 SF/gallon.

Cured Physical Properties		
Property	Test Method	Results
Compressive Strength	ASTM D-695	11,200 psi
Tensile Strength	ASTM D-638	2,100 psi
Flexural Strength	ASTM D-790	5,100 psi
Indentation	MIL-D-3134F	No Indentation
Hardness, Shore D	ASTM D-2240	80 - 85
Abrasion Resistance, CS 17 Wheel, 1000 gm load, 1000 cycles	ASTM D-4060	129 mg loss
Water Absorption	MIL-D-24613	Nil
Coefficient of Friction	ASTM D-2047	0.7 minimum
Bond Strength to Concrete	ACI-40	Substrate failure
Impact Resistance	MIL-D-24613	0.0007" No cracking or delamination
Flame Spread NFPA-101	ASTM-E-84	Class 4
Toxicity	USDA Approved	Non Toxic

Surface Preparation: New concrete must have a 28 day cure, and preferably a broom swept finish, prior to coating. In the case of older concrete flooring, remove all surface oils, paint, dust and debris. Prior to coating, make sure the surface is clean, passes the MVT test and the water drop test and that all surface defects have been repaired. Refer to the Florock "Preparation of Concrete" datasheet for more information on preparation and MVT before proceeding.

Note: Floropoxy should not be applied when floor temperature is above 90° F or below 55° F, or when within 5° F of the dew point.

Field Tinting:

System 4905 can be field tinted. For tinting Floropoxy 4905, blend 2 gallons Clear Epoxy Part A with 1 gallon Activator Part B and 1 quart Florock 100% Colorant.

Primer or Basecoat Coat Application:

In a clean, dry container, blend 2 parts by volume of Resin Part A with 1 part by volume of Activator Part B. Mix thoroughly for 3 to 5 minutes using a low speed mechanical mixer. Transfer the mixture from the batch container to a transport container. Remix and pour entire contents from transport container onto the floor immediately. Using flat or notched squeegee, spread at 100-200 SF/gallon. Backroll with a 3/8" nap roller. Proceed with broadcast.

Note: The cure time will vary with conditions. Allow a minimum of 4 hours and a maximum of 24 hours before next step.

Topcoat(s): Use a Florock High Performance topcoat.

Note: When coating over existing coatings, a test patch is recommended to evaluate compatibility.

Please read material safety data before using product.

Blended Components	Std Cure	Fast Cure
Part# Comp. A Part# Comp. B	M0-111 U0-177	M0-111 0-178
Blended Ratio	2:1 by volume	2:1 by volume
Blended Solids	100%	100%
Pot Life, min. (15 lb. mass)	22	11.5
Set to Touch, hr	4-6	3-4
Minimum Recoat , hr	6-8	4-6
Maximum Recoat, hr	24	24
Foot Traffic, hr	24	24
Floor & Air Temp. Limitation	55° F-90° F	55° F-90° F
Blended Viscosity, ASTM D-2196-10	400-500	300-400
VOC, ASTM D3960	0	0

Instructions for Use over Existing Coatings:

Examine the existing coating to ensure that it is well bonded to the concrete. Any loose coating must be completely removed. Edges should be sanded to a detergent cleaner. The surface must be free of all dirt, oils, or other contaminants. After the floor has completely dried, sand the existing coating until a powdery residue is evident and all gloss is good removed. Sweep or vacuum clean, and wipe with Florobase Thinner to ensure adhesion of the new System.

DISCLAIMER:

All statements and recommendations above are based on experience we believe to be reliable. The use or application of these products being beyond the control of the Seller or Manufacturer, neither Seller nor manufacturer make any warranty, expressed or implied, as to results or hazard from its use. The suitability, risk and liability whatsoever of a product for an intended use shall be solely up to the User.

PAYMENT BOND

STATE OF TEXAS §
COUNTY OF COLLIN §

KNOW ALL MEN BY THESE PRESENTS:

That _____, a corporation organized and existing under the laws of the State of _____, and fully authorized to transact business in the State of Texas, whose address is _____ of the City of _____ County of _____, and State of _____, (hereinafter referred to as "Principal"), and _____ (hereinafter referred to as "Surety", a corporation organized under the laws of the State of _____ and authorized under the laws of the State of Texas to act as surety on bonds for principals, are held and firmly bound unto _____ (hereinafter referred to as "Owner") and unto all persons, firms and corporations who may furnish materials for or perform labor upon the buildings, structures or improvements referred to in the attached Contract, in the penal sum of _____ Dollars (\$ _____) (not less than 100% of the approximate total amount of the Contract as evidenced in the proposal) in lawful money of the United States, for the payment whereof, the said Principal and Surety bind themselves, and their heirs, administrators, executors, successors, and assigns, jointly and severally, firmly by these presents:

WHEREAS, the Principal has entered into a certain written contract with the Owner, dated the _____ day of _____, 20____, to which said Contract is hereby referred to and made a part hereof and as fully and to the same extent as if copied at length herein for the construction of _____.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that the bond guarantees the full and proper protection of all claimants supplying labor and material in the prosecution of the work provided for in said Contract and for the use of each claimant, and that conversely should the Principal faithfully perform said Contract and in all respects duly and faithfully observe and perform all and singular the covenants, conditions, and agreements in and by said Contract, agreed to by the Principal, and according to the true intent and meaning of said Contract and the claims and specifications hereto annexed, and any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modification to Surety being hereby waived, then this obligation shall be void; otherwise, to remain in full force and effect. Provided further, that if any legal action be filed on this Bond, venue shall lie in Collin County, Texas.

"PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions Texas Government Code, Chapter 2253, as amended, and Chapter 3503 of the Texas Insurance Code, as amended, and all liabilities on this bond shall be determined in accordance with the provisions of said articles to the same extent as if they were fully copied at length herein.

Surety, for value received, stipulates and agrees that the bond shall automatically be increased by the amount of any Change Order or supplemental agreement which increases the Contract price with or without notice to the Surety and that no change, extension of time, alteration or addition to the terms of the Contract, or to the work performed thereunder, or the plans, specifications, or drawings accompanying the same, shall in anyway affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract, or to the work to be performed thereunder.

The undersigned and designated agent is hereby designated by Surety herein as the agent resident to whom any requisite notice may be delivered and on whom service of process may be had in matters arising out of such suretyship.

IN WITNESS WHEREOF, the said Principal and Surety have signed and sealed this instrument this _____ day of _____ 20_____.

WITNESS

PRINCIPAL

Printed/Typed Name _____

Title: _____

Company: _____

Address: _____

SURETY

Printed/Typed Name _____

Title: _____

Company: _____

Address: _____

WITNESS

The Resident Agent of the Surety for delivery of notice and service of process is:
Name: _____
Address: _____
Phone Number: _____

Note: Date of Bond must NOT be prior to date of contract.

PERFORMANCE BOND

STATE OF TEXAS §
COUNTY OF COLLIN §

KNOW ALL MEN BY THESE PRESENTS:

That _____, a corporation organized and existing under the laws of the State of _____, and fully authorized to transact business in the State of Texas, whose address is _____ of the City of _____ County of _____, and State of _____, (hereinafter referred to as "Principal"), and _____ (hereinafter referred to as "Surety", a corporation organized under the laws of the State of _____ and authorized under the laws of the State of Texas to act as surety on bonds for principals, are held and firmly bound unto _____ (hereinafter referred to as "Owner") and unto all persons, firms and corporations who may furnish materials for or perform labor upon the buildings, structures or improvements referred to in the attached Contract, in the penal sum of _____ Dollars (\$ _____) (not less than 100% of the approximate total amount of the Contract as evidenced in the proposal plus 10-percent of the stated penal sum as an additional sum of money representing additional court expenses, attorneys' fees, and liquidated damages arising out of or connected with the below identified Contract) in lawful money of the United States, for the payment whereof, the said Principal and Surety bind themselves, and their heirs, administrators, executors, successors, and assigns, jointly and severally, firmly by these presents:

WHEREAS, the Principal has entered into a certain written contract with the Owner, dated the _____ day of _____, 20____, to which said Contract is hereby referred to and made a part hereof and as fully and to the same extent as if copied at length herein for the construction of _____.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal fully and faithfully executes the work and performance of the Contract in accordance with the plans specifications, and Contract Documents, including any extensions thereof which may be granted with or without notice to Surety, during the original term thereof, and during the life of any guaranty required under the Contract, and according to the true intent and meaning of said Contract and the plans and specifications hereto annexed, if the Principal shall repair and/or replace all defects due to faulty materials or workmanship that appear within a period of one year from the date of final completion and final acceptance of the work by OWNER; and if the Principal shall fully indemnify and save harmless the OWNER from all costs and damages which OWNER may suffer by reason of failure to so perform herein and shall fully reimburse and repay OWNER all outlay and expense which the OWNER may incur in making good any default or deficiency, then this obligation shall be void; otherwise, to remain in full force and effect; and in case said CONTRACTOR shall fail to do so, it is agreed that the OWNER may do said work and supply such materials and charge the same against said CONTRACTOR and Surety on this obligation. Provided further, that if any legal action be filed on this Bond, venue shall lie in _____ Collin County, Texas.

"PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions Texas Government Code, Chapter 2253, as amended, and Chapter 3503 of the Texas Insurance Code, as amended, and all liabilities on this bond shall be determined in accordance with the provisions of said articles to the same extent as if they were fully copied at length herein.

Surety, for value received, stipulates and agrees that the bond shall automatically be increased by the amount of any Change Order or supplemental agreement which increases the Contract price with or without notice to the Surety, but in no event shall a Change Order or Supplemental Agreement which reduces the Contract price decrease the penal sum of the Bond. And further that no change, extension of time, alteration, or addition to the terms of the Contract, or to the work performed thereunder, or the plans, specifications, or drawings accompanying the same shall in any way affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the Contract or to the work to be performed thereunder.

Surety agrees that the bond provides for the repairs and/or replacement of all defects due to faulty materials and workmanship that appear within a period of one (1) year from the date of completion and acceptance of the improvement by the OWNER.

The undersigned and designated agent is hereby designated by Surety herein as the agent resident to whom any requisite notice may be delivered and on whom service of process may be had in matters arising out of such suretyship.

IN WITNESS WHEREOF, the said Principal and Surety have signed and sealed this instrument this _____ day of _____ 20_____.

WITNESS

PRINCIPAL

Printed/Typed Name _____
Title: _____
Company: _____
Address: _____

WITNESS

SURETY

Printed/Typed Name _____
Title: _____
Company: _____
Address: _____

The Resident Agent of the Surety for delivery of notice and service of process is:
Name: _____
Address: _____
Phone Number: _____

Note: Date of Bond must NOT be prior to date of contract.

INFORMATION REGARDING CONFLICT OF INTEREST QUESTIONNAIRE

During the 79th Legislative Session, House Bill 914 was signed into law effective September 1, 2015, which added Chapter 176 to the Texas Local Government Code. Recent changes have been made to Chapter 176 pursuant to HB23, which passed the 84th Legislative Session. Chapter 176 mandates the public disclosure of certain information concerning persons doing business or seeking to do business with Collin County, including family, business, and financial relationships such persons may have with Collin County officers or employees involved in the planning, recommending, selecting and contracting of a vendor for this procurement.

For a copy of Form CIQ and CIS:

http://www.ethics.state.tx.us/filinginfo/conflict_forms.htm

The vendor acknowledges by doing business or seeking to do business with Collin County that he/she has been notified of the requirements under Chapter 176 of the Texas Local Government Code and that he/she is solely responsible for complying with the terms and conditions therein. Furthermore, any individual or business entity seeking to do business with Collin County who does not comply with this practice may risk award consideration of any County contract.

For a listing of current Collin County Officers:

<http://www.collincountytx.gov/government/Pages/officials.aspx>

At the time of this solicitation being released, the following are known to be involved in the planning, recommending, selecting, and contracting for the attached procurement:

Department:

Bill Burke – Director of Building Projects

David Dooley – Building Projects Coordinator

Purchasing:

Michelle Charnoski, CPPB – Purchasing Agent

Hunter Alley – Buyer II

Commissioners' Court:

Chris Hill – County Judge

Susan Fletcher – Commissioner Precinct No. 1

Cheryl Williams – Commissioner Precinct No. 2

Darrell Hale – Commissioner Precinct No. 3

Duncan Webb – Commissioner Precinct No. 4

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

FORM CIQ

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

OFFICE USE ONLY

Date Received

1 Name of vendor who has a business relationship with local governmental entity.

2 Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 Name of local government officer about whom the information is being disclosed.

Name of Officer

4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

Yes No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

Yes No

5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.

6 Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7

Signature of vendor doing business with the governmental entity

Date

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

- (i) a contract between the local governmental entity and vendor has been executed;
- or
- (ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

- (1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);
- (2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or
- (3) has a family relationship with a local government officer of that local governmental entity.

(a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(1) the date that the vendor:

- (A) begins discussions or negotiations to enter into a contract with the local governmental entity; or
- (B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(2) the date the vendor becomes aware:

- (A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);
- (B) that the vendor has given one or more gifts described by Subsection (a); or
- (C) of a family relationship with a local government officer.

Request for Taxpayer Identification Number and Certification

**Give Form to the
 requester. Do not
 send to the IRS.**

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
	<input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate	Exempt payee code (if any) _____
	<input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.	Exemption from FATCA reporting code (if any) _____
	<input type="checkbox"/> Other (see instructions) ▶ _____	<small>(Applies to accounts maintained outside the U.S.)</small>
	5 Address (number, street, and apt. or suite no.) See instructions.	Requester's name and address (optional)
6 City, state, and ZIP code		
7 List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number											
				-			-				
or											
Employer identification number											
				-							

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶	Date ▶
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.